



APS Information Technology Group M. Westbrook



#### **Outline**

- Session 1: Introduction & Email
- 5 minute break
- Session 2: Calendar



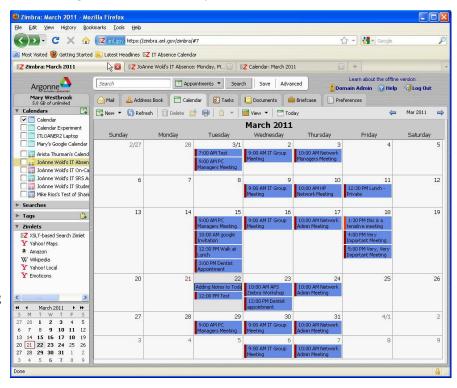


## Zimbra Calendar



#### Zimbra Calendar

- ZWC Benefits:
  - Usable lab-wide, can schedule meetings with users and rooms outside APS
  - User friendly
- Each Zimbra user has a personal calendar
  - Users migrated from Sun Calendar System optionally elected to migrate data from their personal calendar
- With Zimbra, calendar terminology:
  - Appointments
  - Events
  - Meetings
- Users can:
  - Create appointments
  - Create recurring events
  - Schedule all day events
  - Accept/Tentative/Reject an invitation with one click
  - Create additional calendars
  - Share their calendars with other users on and off-site
  - Delegate calendar management
  - Accept calendar shares
  - View calendar in various ways and print
  - Use color for quick calendar recognition
  - Schedule meetings
    - View multiple calendars to see potential scheduling conflicts
  - Import and export calendars





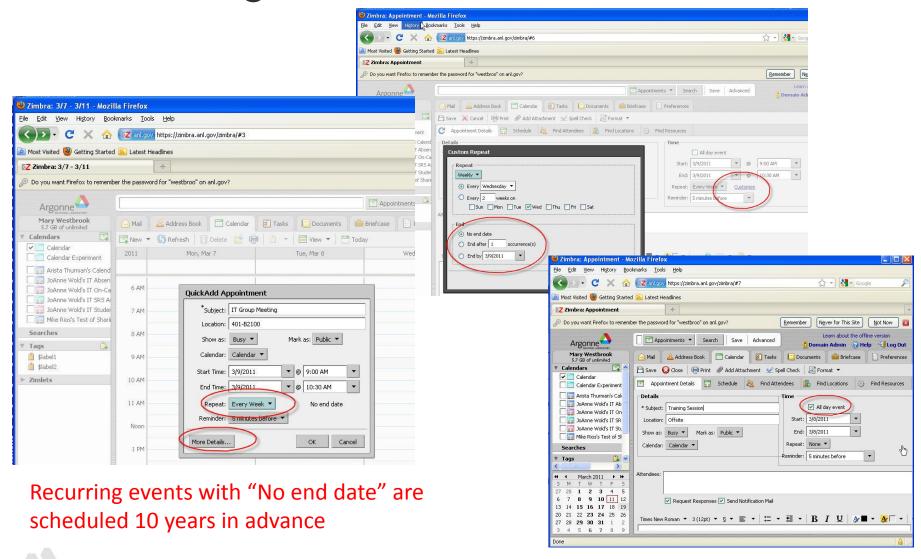
#### Zimbra Resource Calendars for APS

- Following Zimbra migration (~April 2011),
  - APS resource calendars will be created
  - Data will be migrated from Sun Calendar System
- APS Resource Calendars
  - Groups (Absence, Travel, On-Call, etc.)
  - Conference Rooms
  - Equipment scheduling (Video Conference)
- Public view calendars are an issue that needs to be resolved Lab-wide
- In future, when scheduling a meeting, include the resource (Conference Room) on the attendee list

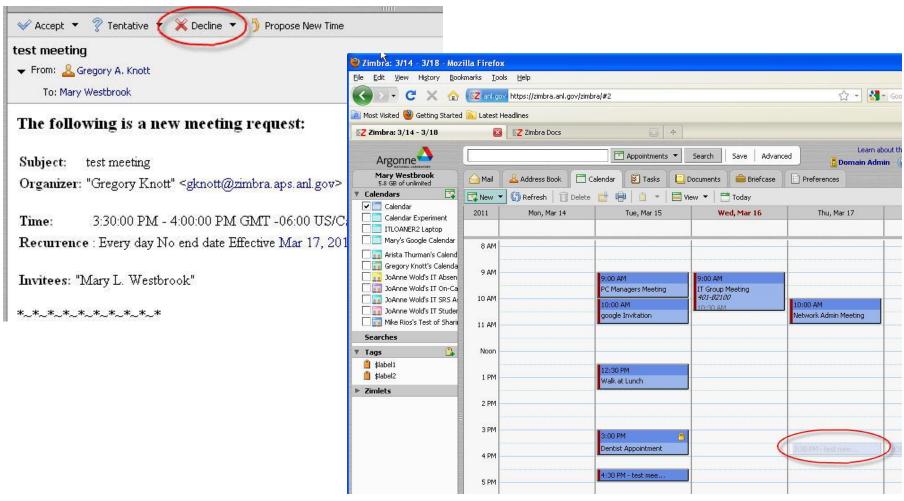


# Add/Delete an Appointment, All-day, or Recurring Event





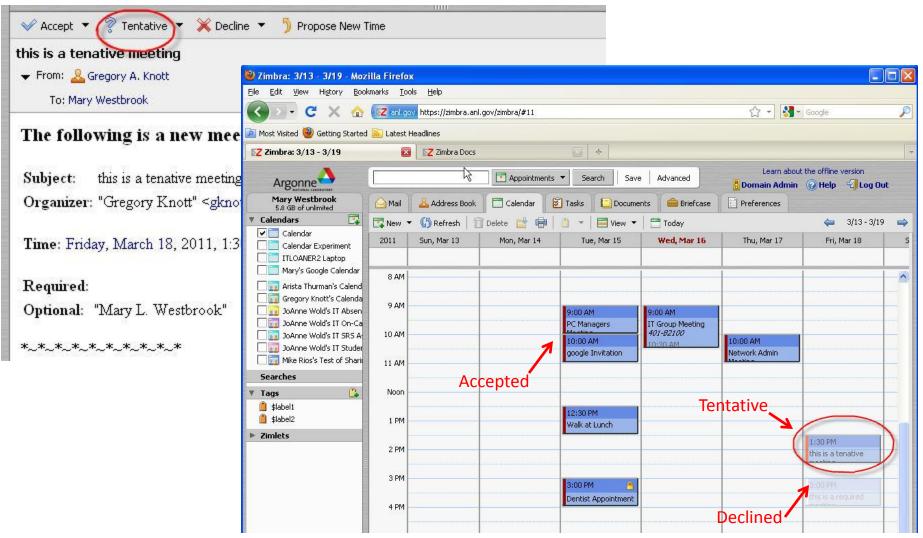
#### "Grayed-out" Appointments



"Grayed out" appointments have been declined (reminds users of what they turned down)



#### **Tentative Appointments**

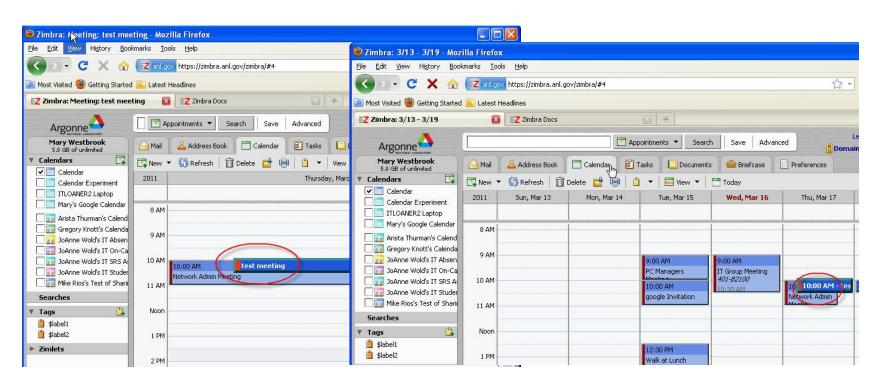


Tentative appointments appear "faded"



## **Conflicting Appointments**

- Appointments that are in conflict:
  - Overlap other meetings
  - Identified with "bright red" vertical bar

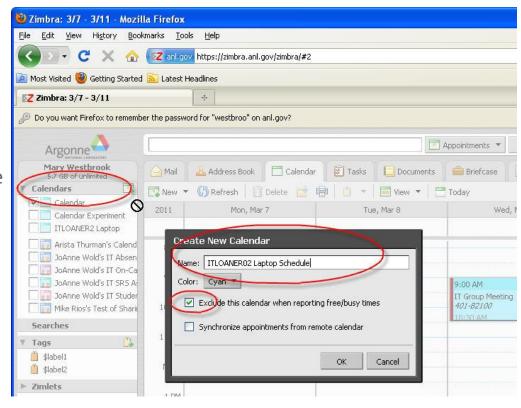




#### Create/Delete Additional Calendars



- To create a calendar, right-click on "Calendars", select "New Calendar"
  - Give the calendar a name
  - Select a color (optional)
  - Select whether to "exclude this calendar when reporting your free/busy times"
  - Select whether to "synchronize appointments from remote calendar"
- To delete a calendar, right-click on the calendar and select "Delete"





## Sharing a Zimbra Calendar

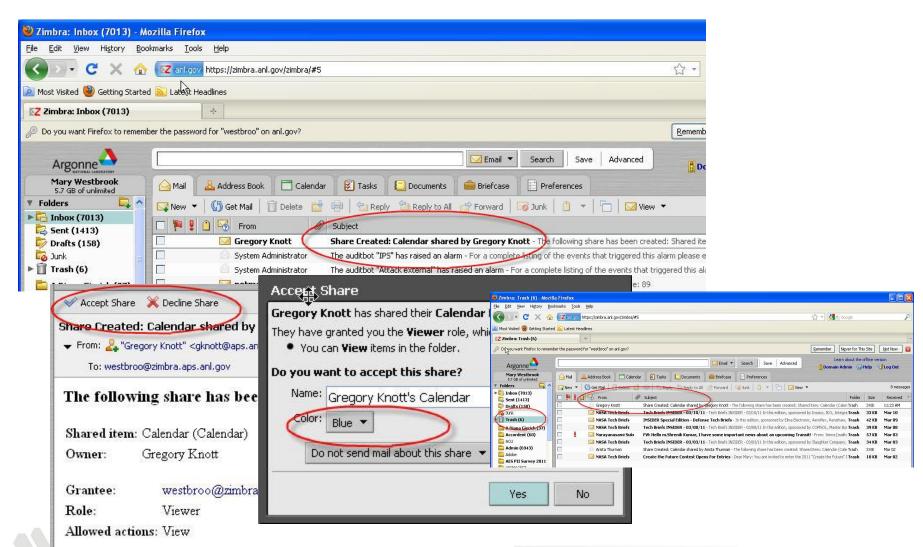


- Using the ZWC, to share a calendar:
  - In the column on the left, right click on the calendar to be shared
  - Select "Share Calendar"
  - For Share with: select: Internal, External or Public
  - Enter their Zimbra email address; for example user@zimbra.anl.gov
  - Select Role: None, Viewer, Manager, Admin
  - Allow users to see private appointments, optional
  - Select Message type from pull-down menu, Send Standard Message (default)
- "user" will receive an email message indicating the calendar has been shared
- "user" must respond using ZWC
- To delegate calendar management to another user,
  - Select Role: Manager
  - Select "Allow user to see private appointments"
- NOTE: When sharing for email address, do **not** use user@aps.anl.gov as this won't be recognized by the Zimbra server, must use user@zimbra.anl.gov



#### **ZWC: Accept Calendar Share**

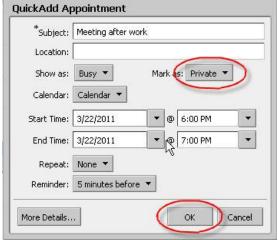


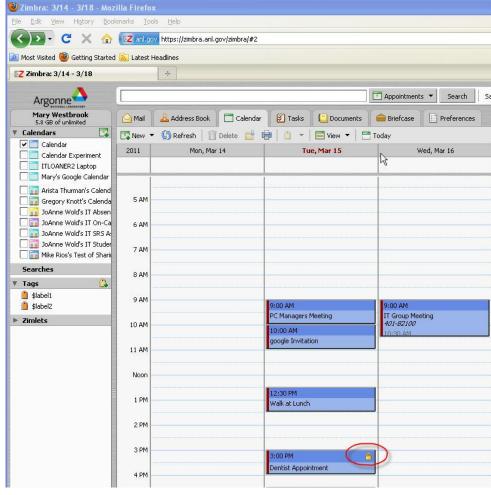


#### **ZWC: Event Privacy**



- Event Privacy
  - Public
  - Private
- By default, events are "public"
- Can configure "private" events
  - Add event
  - Mark it as a "private event"



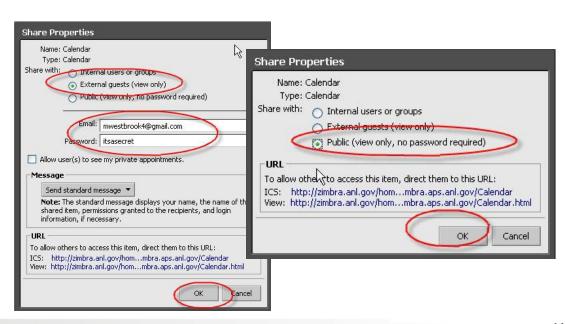




#### **ZWC: Calendar Permissions**

- Calendar can be shared
  - Internal User (specify email as <u>user@zimbra.anl.gov</u> or user@zimbra.aps.anl.gov)
  - External guests, view-only, with password\*\*
    - \*\*Use a unique password and do not use an ANL or APS password
  - Public, view-only, no password required
- Note: With "Public" sharing all users can see all events





#### **Event Privacy**





#### **ZWC: Calendar Roles**

- Can assign various Calendar roles when sharing a calendar
  - View = view-only
  - Manager = View, Edit, Add, Remove, Accept, Decline
  - Administrator = View, Edit, Add, Remove, Accept, Decline, Administer
  - Note: A "Manager" can maintain a calendar on behalf of someone else,
     an "Administrator" can maintain and share/revoke a calendar on behalf of someone

else

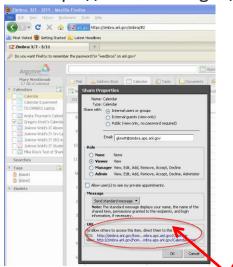


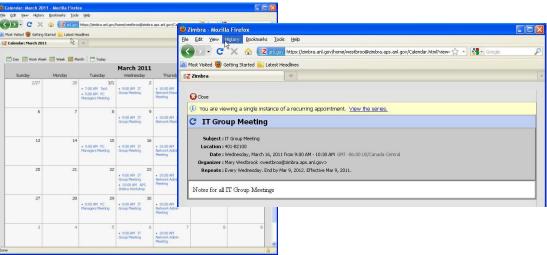


# ZWC: Sharing a Zimbra Calendar Using URL

- Can share your calendar "view only" by providing a URL
  - Web page
  - Email
- Personal Calendar
  - https://zimbra.anl.gov/home/username@zimbra.aps.anl.gov/Calendar.html
- Other Calendars

https://zimbra.anl.gov/home/username@zimbra.aps.anl.gov/calendar-name.html





Click on link, cut-and-paste into email

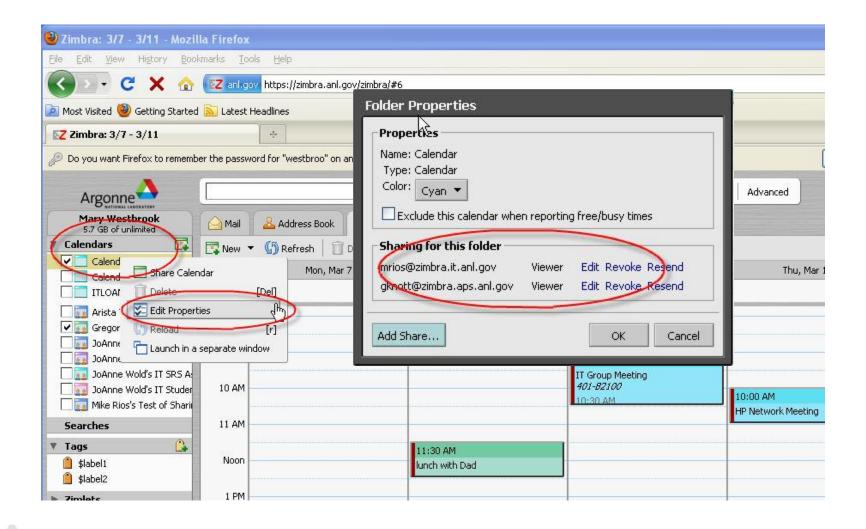
#### Calendar Permissions

- If your calendar has not been shared to a user (either as individually or shared to public) they cannot view your calendar using URL
- They receive this error message:





#### Who have I shared my calendar with?





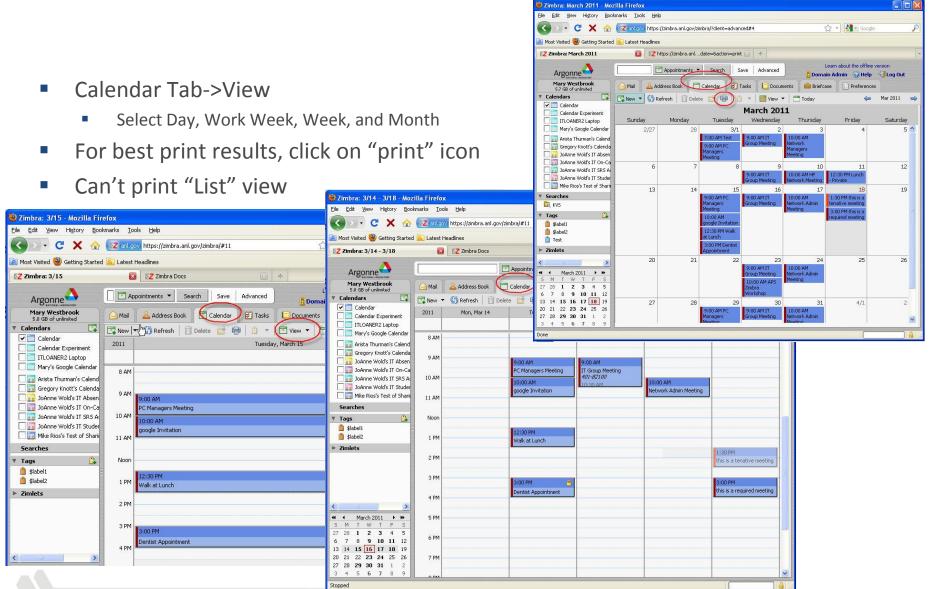
## **ZWC:** Browsing Calendars

- Limited calendar browsing: can browse personal and resource calendars
  - New->Appointment, "Find Attendees", search "name"
  - "name" can be person's name (or portion of name), which refers to their personal calendar
  - "name" can be conference room name (or portion of name, like building)
- Can not browse other user-created calendars
- No way to browse all calendars



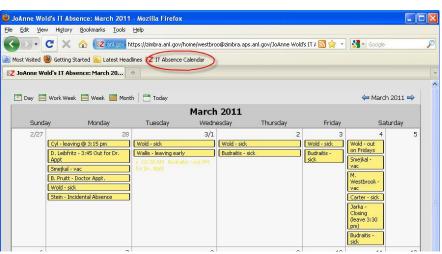


## **ZWC: Calendar Views & Printing**



#### **ZWC: Bookmark Calendars**

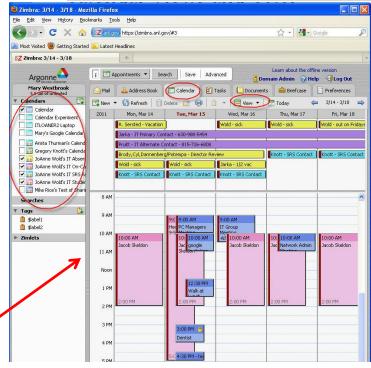
- You can easily bookmark any calendars for quick reference
- Launch browser, Firefox
  - Right-click on Calendar in Overview Pane
  - Select "Launch in Separate Window"
  - Select appropriate view (day, week or month)
  - Cut the URL from the browser "Go to" field
  - Right-click on the Bookmarks Toolbar and select "New Bookmark"
  - Give the new bookmark a name
  - Paste the URL into the "Location field"
  - Click on Add
  - Later, you can click on the shortcut to view calendar
    - Current tab
  - Right-click on shortcut to view calendar
    - New tab
    - New window

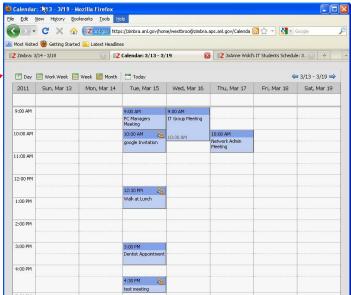




#### **ZWC: Calendars and Color**

- Colors can be used to quickly distinguish between different calendars
- Set/change calendar color:
  - When you create calendar
  - When you accept a calendar share
  - Right-click on the calendar and select
     "Edit Properties" and change color
- If calendar colors get "too busy",
   can view calendar in a separate window
  - "Right-click" on calendar,
  - Select "Launch in Separate Window"







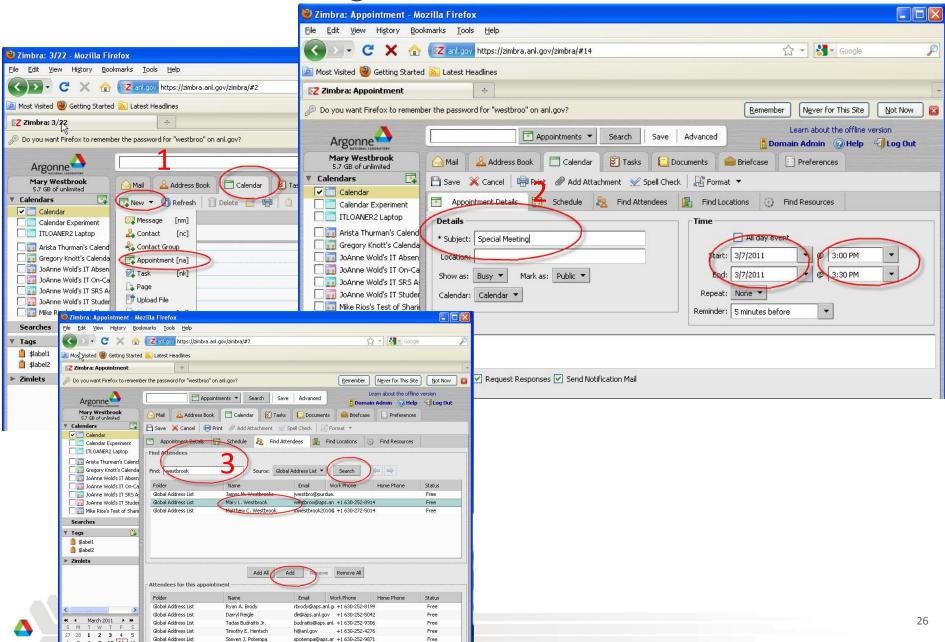


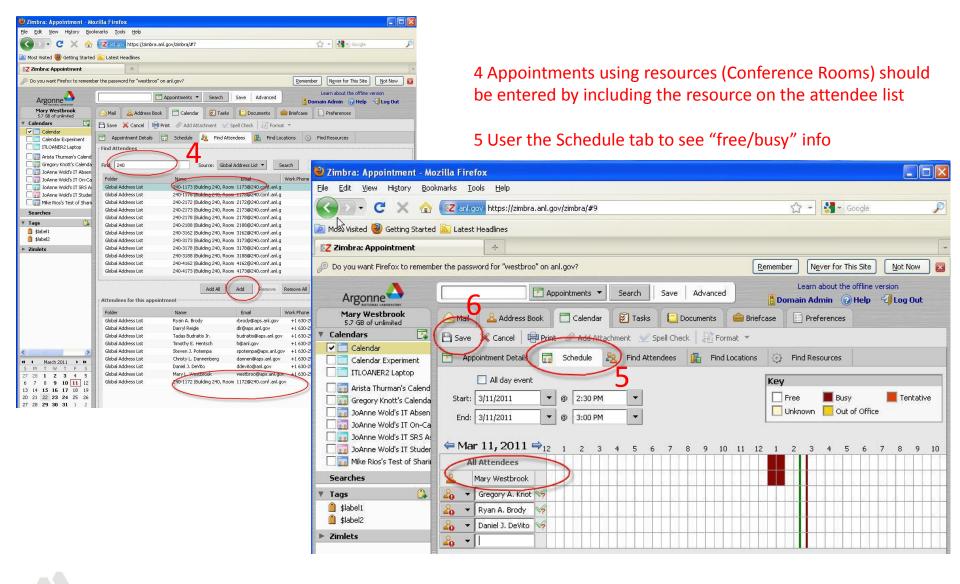




- Recommended Procedure for Scheduling a meeting:
  - 1 In Calendar Tab, New->Appointment
  - 2 In Appointment Details Tab, enter Subject: "Meeting name"
  - 3 Find Attendees Tab->Enter attendee name->Search->Add
  - 4 Find Conference Room, Enter Conference Room name->Search->Add
  - 5 Schedule a time available for all, Schedule->Make any needed changes
  - 6 Save
  - 7 Check your calendar
- Zimbra advantage:
  - Can easily check availability by viewing multiple calendars (attendees and conference rooms) to see potential scheduling conflicts across the Laboratory
  - Can add an event on multiple calendars at once
  - No need to send email messages to participants, this is done automatically by Zimbra
  - Can attach meeting agenda (or other files) to appointments
- Zimbra disadvantage:
  - Multiple email messages, may need to accept meeting multiple times
- View Online demonstration of Scheduling a Meeting at:



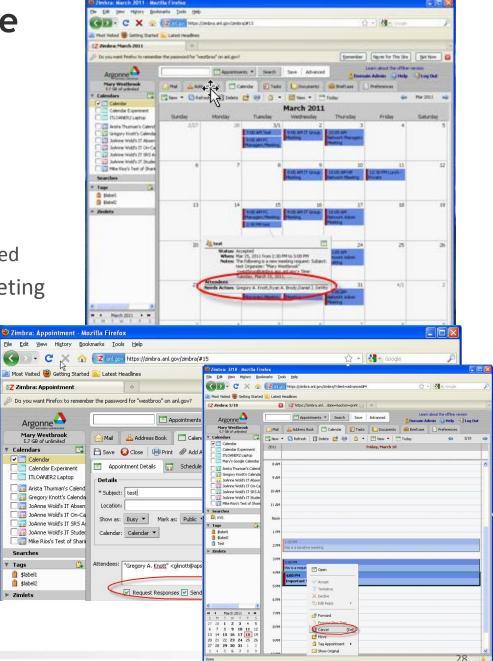






## Schedule a Meeting - More

- Hover over calendar event to view details
- Needs action: List of Attendees
  - these attendees have not yet responded
- To cancel a meeting, right-click on meeting
  - Select "Cancel"
- To cancel an appointment, right-click on appointment
  - Select "Delete"

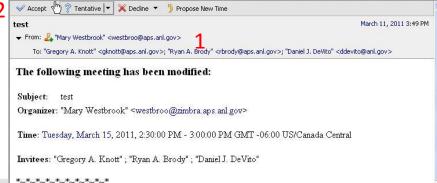


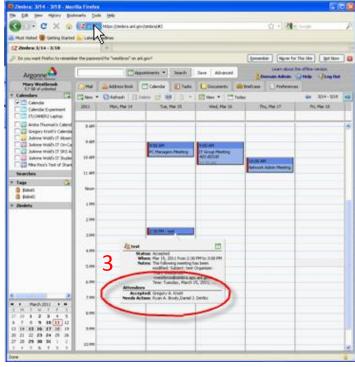
## ZWC: Respond to an Invitation

- 1. User receives an email invitation
- 2. User responds to invitation using ZWC ONLY
  - 1. Accept
  - 2. Tentative
  - 3. Decline
- 3. Meeting organizer receives an email and can view updates on the calendar

NOTE: Can change your response later

If meeting is changed, will need to accept again When respond, email goes into Trash folder











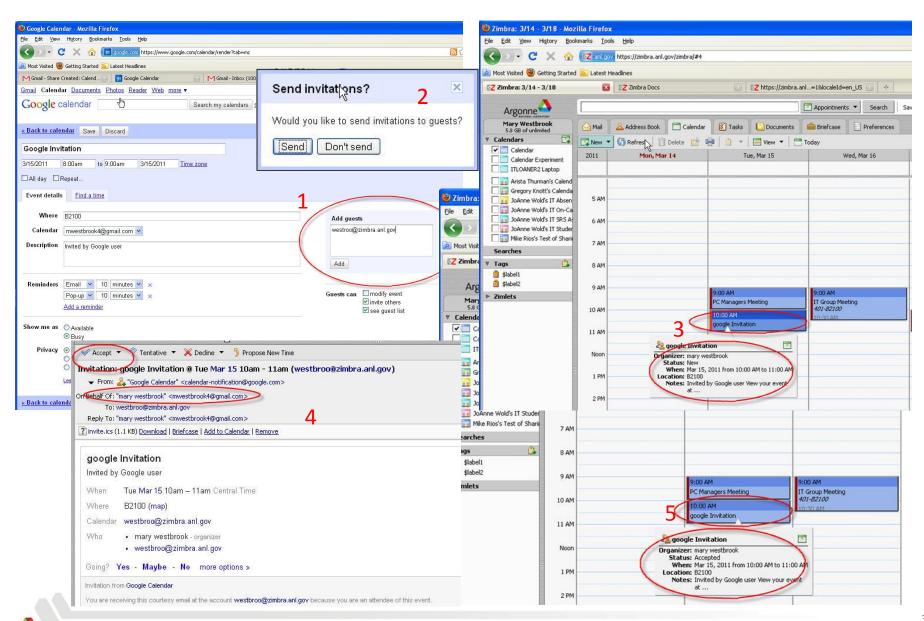
# Zimbra and Google



# Google User Can Invite Zimbra Users and vice versa

- Google users can invite Zimbra users
  - Step 1: From Google login, configure meeting on Google Calendar, add user@zimbra.anl.gov as guest
  - Step 2: Confirm you want the invitation sent to guests
  - Step 3: <u>user@zimbra.anl.gov</u> may notice a new appointment on their calendar that needs to be accepted or declined
  - Step 4: <u>user@zimbra.anl.gov</u> will receive an invitation by email, they need to accept or decline
  - Step 5: <u>user@zimbra.anl.gov</u> will notice that the meeting has been accepted on his calendar
- Zimbra users can invite Google users
  - Add Google user (<u>user@gmail.com</u>) is in your contacts list
  - Setup meeting as usual
  - Invite google user by searching your contact list
  - Google user will receive email invitation, they need to accept or decline
- Should also be possible with other Mail/Calendar accounts
- Default calendar permissions allow internal and external users to invite Zimbra users to meetings

## Google Users can Invite Zimbra Users



## Sync Zimbra Calendar to a Google Calendar

- You can share your Google calendar with Zimbra. Here's how:
- Create a Google calendar
  - On the left hand side under "My Calendars", click on Settings and then the Calendar name
  - Scroll down the page to the Private Address line and then click on the ICAL icon to get the ICS address for the new Google calendar
- Go into Zimbra add a new calendar
  - Select the Synchronize with remote calendar and put the address in.
- Caveats:
  - You can't make changes to the Google calendar
  - Not sure how often Zimbra syncs
  - Can force sync by reloading the calendar
- Courtesy: Zimbra/Google Calendar Sync is not officially supported by APS IT or ANL CIS staff



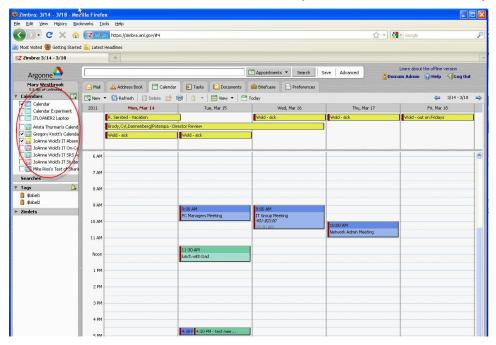


## Miscellaneous Calendar Topics



## **ZWC:** No Need for Group Calendars

- Not referring to Group calendars, like XSD Travel, AES Absence, etc.
- Concept of a "Group" calendar from the Sun Calendar System
- Named collection of calendars by individual for their convenience
- Not needed in Zimbra, can view multiple calendars easily



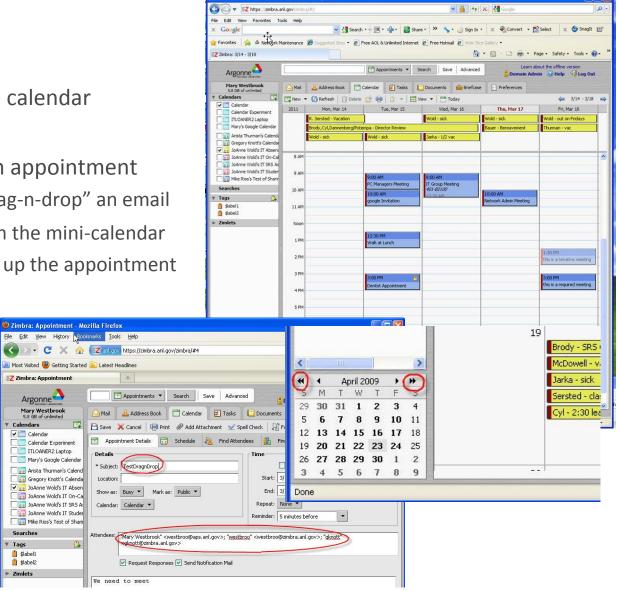


#### Check out the Mini-Calendar

- Hover over date to see calendar appointments
- Turn a message into an appointment
  - Within ZWC, can "drag-n-drop" an email message to a date on the mini-calendar
  - Automatically brings up the appointment details

flabel1 \$label2

Can advance calendar a year at a time using mini-calendar "double-arrow" keys



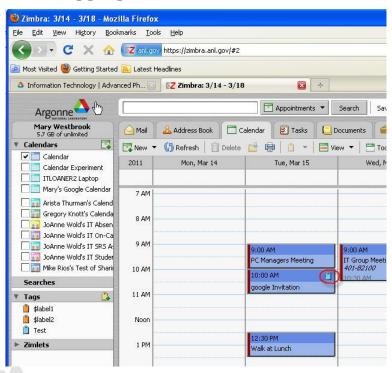
## Modifying Default View of ZWC

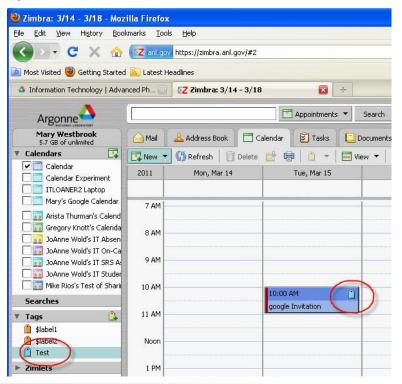
- Try and bookmark these URLs:
  - Start ZWC with Calendar view
    - https://zimbra.anl.gov/zimbra/?app=calendar
  - Start ZWC with Contacts view
    - https://zimbra.anl.gov/zimbra/?app=contacts#1
  - Start ZWC with Documents view
    - https://zimbra.anl.gov/zimbra/?app=documents#1
  - Start ZWC with Tasks view
    - https://zimbra.anl.gov/zimbra/?app=tasks#1
  - Start ZWC with Briefcase view
    - https://zimbra.anl.gov/zimbra/?app=briefcase#1
  - Start ZWC with Mail view (default)
    - https://zimbra.anl.gov/zimbra/?app=mail#1



#### ZWC: Calendar Search

- Can search forward and backward in time, by Day, Week, Month
- Can return to "Today"
- Can not go to "Date"
- Tagging calendar events makes them easily searchable

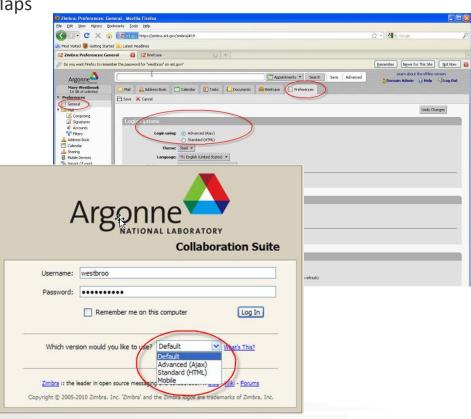






#### Zimbra HTML

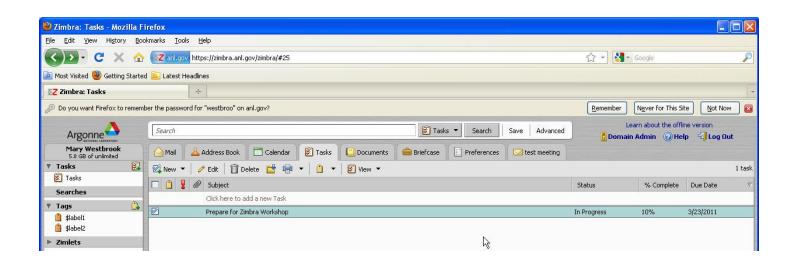
- ZWC is an AJAX-based web interface
  - AJAX stands for Asynchronous Javascript and XML
  - AJAX simply means that the web page can be more responsive and act more like an application without always requiring us to click on links and reload page
  - For example, AJAX used by Google Maps
- By default, ZWC is configured to use "ajax"
  - Preferences->General
  - Can switch to Zimbra HTML
  - May need to reload or logout/login
- Some users prefer HTML calendar format
  - Preferences->General, or
  - Select Standard (HTML) on login (preferred)





## **ZWC: Tasks**

- Tasks or "to do's", or things which need to be accomplished, can be maintained and tracked within the ZWC
- Tasks can be shared using the ZWC

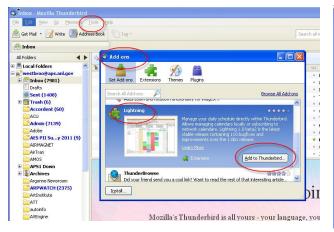


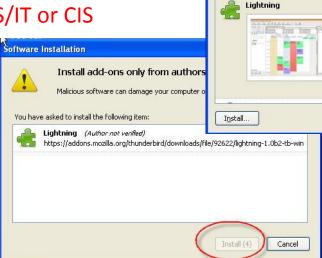
Thanks, Tim!



# Calendar with Thunderbird Add-on Lightning

- Install Thunderbird Add-on
  - Download Lightning from:
     https://addons.mozilla.org/enUS/thunderbird/addon/lightning/
  - In Thunderbird, open Tools->Add-ons
  - Click install, browse to downloaded file, OK
- Configure Thunderbird (next slide)
- Courtesy: Tested with TB 3.1.7 and Lightning 1.0b2, not officially supported by APS/IT or CIS





Add-ons

Restart Thunderbird to complete your changes

Notoriously buggy!

Manage your daily schedule directly within Thunderbird. Allows managing calendars locally or subscribing to network calendars. Lightning 1.0 beta2 is the latest stable release containing 110 bugfixes and

improvements over the 1.0b1 release.

Learn More

Extension

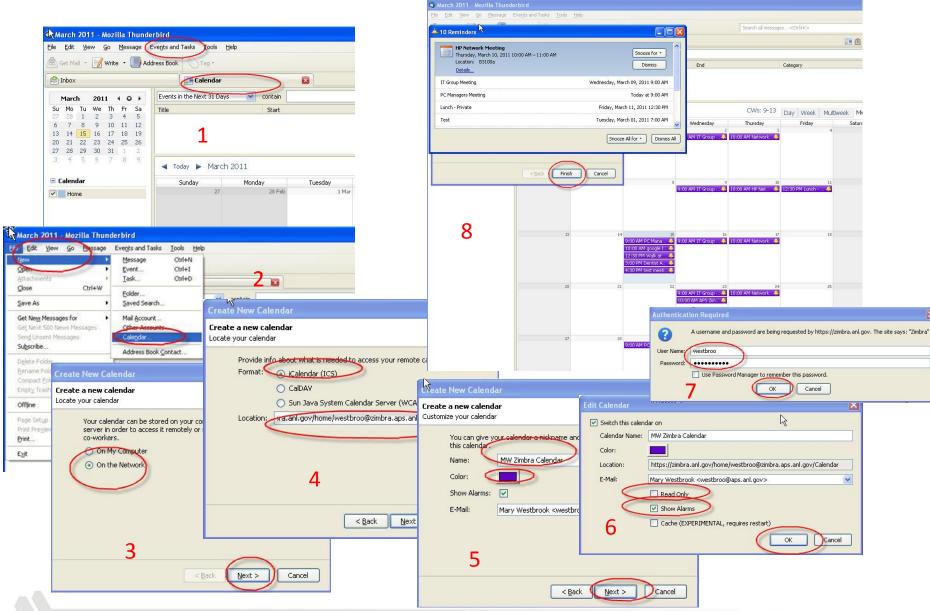
Restart Thunderbird

Install Complete

Browse All Add-ons



Configure Thunderbird with Lightning



# Zimbra for MAC Users Settings for MAC OS X Calendar Program

- Under Preferences->Accounts (add by clicking "+")
- 2. Select Account type: CalDAV
- 3. Fill in the following:

Username: Your ANL\_user\_name (no @ sign, no domain)

Password: Your ANL\_domain\_password

Server address:

https://zimbra.anl.gov/principals/users/ANL\_user\_name@zimbra.aps.anl.gov

NOTE: Replace ANL\_user\_name with your ANL user name. There is no slash at the end of the URL

- 4. Click "Create"
- 5. Once the account is added, a list of available calendars will be listed on the left pane of the iCal window. All calendars are displayed by default.





## Zimbra and Sun Calendar Feature Comparison

Feature	Zimbra Calendar	Sun Calendar
Use of different calendar color(s)	X	
View another calendar (by default)	X	
View calendar tab (by default)	X	
Add general comments/notes to a specific day	X	
Add URL to an appointment/meeting	X	
Selective remove certain dates from a recurring meeting, while maintaining history	X	
Search for attendees	X	X (flakey)
Vendor provided User's Guide	X	
Remote Access	Using ZWC and TB, no need to VPN/CryptoCard or access APS Web Portal	Access via VPN/CryptoCard or via APS Web Portal
Ability to search all calendars		X (flakey)
"Go to" calendar date		X
Calendar reminders via email/page	Coming with v7.0	X
Web interface login timeout	6 hr inactivity timeout (with software updates need to relogin)	Set to 1 week





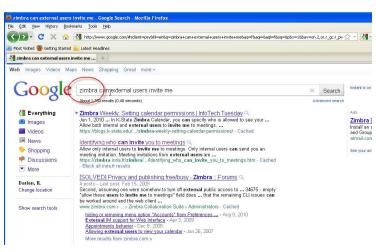
## Help with Zimbra



## Zimbra - Where to get help?

HELP!

- ZWC Help Feature check it out!
- APS Zimbra Wiki
  - http://wiki.aps.anl.gov/zimbra (Soon: https://wiki.aps.anl.gov/zimbra)
- ANL Zimbra Wiki
  - https://wiki.anl.gov/public/CIS Email Services/Zimbra User Documentation
- ANL Zimbra User FAQ
  - https://wiki.anl.gov/public/CIS Email Services/Zimbra User Documentation/FAQ
- Zimbra User's Guide
  - http://www.aps.anl.gov/APS Engineering Support Division/Information Technology/Service s/Email/ZWC%20User%20Guide 6 0.pdf
- Zimbra Wiki, open-source community
  - http://wiki.zimbra.com
- Open a support request with APS IT (client side)
  - http://www.aps.anl.gov/hd
- APS IT will contact CIS, if needed (server side)
- Note: Users may not contact CIS directly regarding Zimbra
- You can always Google it!





### **APS Zimbra Wiki**

- Lots of helpful Zimbra information is found on the APS Zimbra Wiki
  - Migration instructions
  - Email client configuration details
  - How to configure automatic Laboratory user email address lookups
  - Address book import/export information
  - Platform-specific information
    - For example, how to configure Mac OS X calendar program to access Zimbra calendar
  - How to configure your mobile device to sync with Zimbra mail
  - And, more...
- This presentation and all future Zimbra documentation will be published on the APS Zimbra Wiki:

http://wiki.aps.anl.gov/zimbra Bookmark it!



### Thank You

- Thanks for your kind attention!
- We are all continually learning new things about Zimbra, as we do we will be updating the APS Zimbra Wiki: http://wiki.aps.anl.gov/zimbra
- For assistance open a support request at http://www.aps.anl.gov/hd
- Check out the origin of "Zimbra":
  - http://blog.zimbra.com/blog/archives/2005/09/so-whats-a-zimbra.html



